

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 11156620
PUBLICATION DATE : 15-06-99

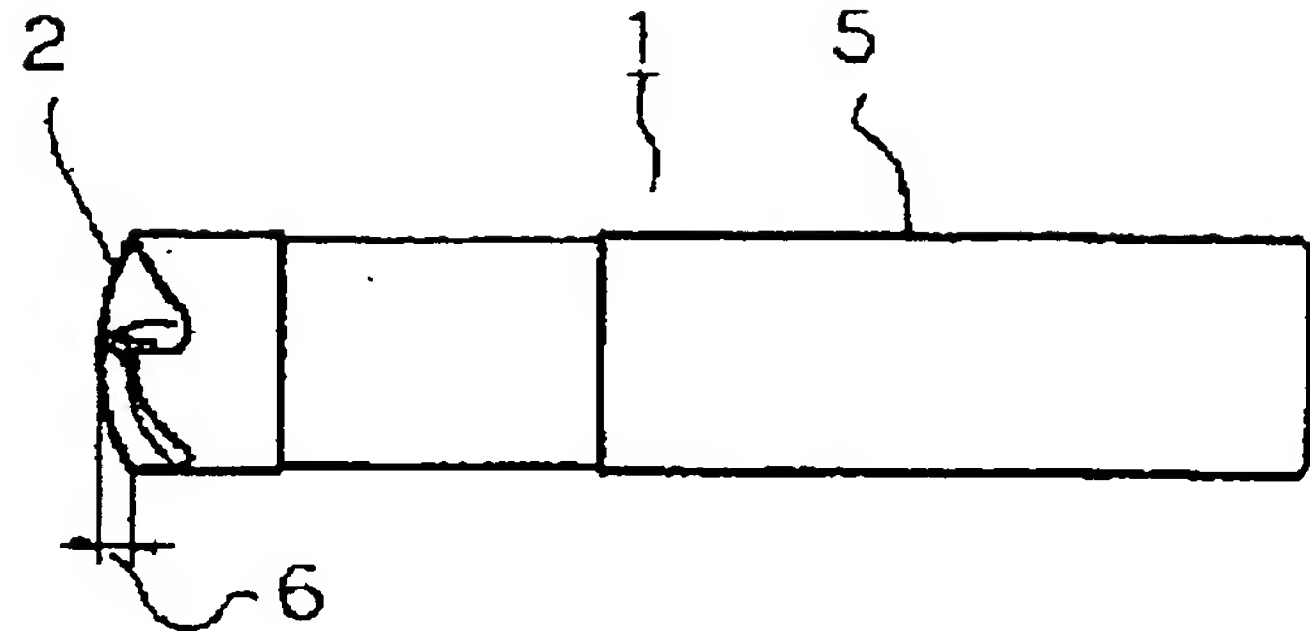
APPLICATION DATE : 25-11-97
APPLICATION NUMBER : 09340543

APPLICANT : HITACHI TOOL ENG LTD;

INVENTOR : YOSHITOSHI SHIGEYASU;

INT.CL. : B23C 5/10

TITLE : CIRCULAR ARC BLADE END MILL



ABSTRACT : PROBLEM TO BE SOLVED: To provide an end mill, excellent in cutting efficiency and suitable in finishing application, used to three-dimensional curved surface working having loose irregularity in a die, etc.

SOLUTION: In a solid end mill equipped with a circular arc cutting blade 2, having a profile inscribing a sphere on one end of a main body 1, and a shank 5 on another end, the circular arc radius of a circular arc cutting blade 1 is 0.6-1.5 times the end mill diameter, and the cutting blade 2 is arranged protrudedly toward a rotation direction.

COPYRIGHT: (C)1999,JPO